

INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure contains all of the ITSs for this OccFld, grouped by MOS. Each MOS is contained in a separate Appendix to Enclosure (6).

2. Format. For each ITS, the following elements of information are provided:

a. TASK. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or billet. It is a clearly stated, performance-oriented action requiring a learned skill. Skills that "make" a Marine or qualify that Marine for the appropriate MOS are designated as "Core." Those advanced skills that are mission, grade, or billet specific are designated as "Core Plus."

b. CONDITION(S). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. STANDARD(S). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. PERFORMANCE STEPS. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. INITIAL TRAINING SETTING. All ITSs are assigned an initial training setting that includes a specific location for initial instruction [Functional Learning Center (FLC) or Managed On-The-Job Training (MOJT)], a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" grade (the lowest grade at which task proficiency is required).

f. REFERENCE(S). References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

g. TRAINING MATERIEL (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials [except ammunition, distance learning (DL) products, and performance support tools (PST)] required or recommended to properly train the task under the specified conditions and to the specified standard. Mandatory items are preceded by an asterisk(*).

h. AMMUNITION (Optional). This table, if present, depicts the ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

i. DISTANCE LEARNING PRODUCT(S) (Optional). This section includes a list of any currently available or planned DL products designed to provide training related to this task.

j. PERFORMANCE SUPPORT TOOL(S) (Optional). This section includes a list of any currently available or planned PSTs designed to provide training related to this task.

k. ADMINISTRATIVE INSTRUCTIONS (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

MOS 0658, TACTICAL DATA NETWORK GATEWAY SYSTEMS TECHNICIAN

DUTY AREA 01 - PLANNING

TASK: 0658.01.01 (CORE) DETERMINE REQUIREMENTS OF A NETWORK PLAN

CONDITION(S): tbd

STANDARD(S): tbd

PERFORMANCE STEPS:

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: HM

REFERENCE(S):

1. CISCO PRESS BOOKS, Cisco books (<http://www.ciscopress.com>)
2. MCO 5239.2, Marine Corps Information Assurance Program (MCIAP)
3. MICROSOFT PRESS BOOKS, For Information Technology (IT) Professionals (<http://www.microsoft.com/mspress/it/>)
4. MICROSOFT TECHNET ONLINE, Technet online (<http://www.microsoft.com/technet/>)
5. MITNOC, Marine Corps Information Technology & Network Operating Center (<http://www.noc.usmc.mil>)
6. NAVY INFORMATION ASSURANCE, Navy Information Assurance (<http://www.infosec.navy.mil/dcuments/>)

TASK: 0658.01.02 (CORE) DEVELOP DATA NETWORK ADDRESSING SCHEME

CONDITION(S): tbd

STANDARD(S): tbd

PERFORMANCE STEPS:

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. CISCO PRESS BOOKS, Cisco books (<http://www.ciscopress.com>)
2. MCO 5239.2, Marine Corps Information Assurance Program (MCIAP)
3. MICROSOFT PRESS BOOKS, For Information Technology (IT) Professionals (<http://www.microsoft.com/mspress/it/>)
4. MICROSOFT TECHNET ONLINE, Technet online (<http://www.microsoft.com/technet/>)

5. MITNOC, Marine Corps Information Technology & Network Operating Center
(<http://www.noc.usmc.mil>)
6. NAVY INFORMATION ASSURANCE, Navy Information Assurance
(<http://www.infosec.navy.mil/documents/>)

TASK: 0658.01.03 (CORE) DETERMINE MULTI-PROTOCOL NETWORK STRATEGY

CONDITION(S): Provided data communications planning documents and references.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Evaluate requirements to provide network services.
2. Evaluate network connectivity requirements.
3. Coordinate data communications requirements.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Sgt

REFERENCE(S):

1. CISCO PRESS BOOKS, Cisco books (<http://www.ciscopress.com>)
2. MCO 5239.2, Marine Corps Information Assurance Program (MCIAP)
3. MICROSOFT PRESS BOOKS, For Information Technology (IT) Professionals
(<http://www.microsoft.com/mspress/it/>)
4. MICROSOFT TECHNET ONLINE, Technet online (<http://www.microsoft.com/technet/>)
5. MITNOC, Marine Corps Information Technology & Network Operating Center
(<http://www.noc.usmc.mil>)
6. NAVY INFORMATION ASSURANCE, Navy Information Assurance
(<http://www.infosec.navy.mil/documents/>)

DUTY AREA 02 - OPERATIONS

TASK: 0658.02.01 (CORE) OPERATE TDN GATEWAY

CONDITION(S): Provided data communications planning documents and references.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Install network operating system
2. Install authorized software
3. Install data encryption devices.
4. Install network components.
5. Install network management system.
6. Install in-line network encryptor.
7. Configure network services.
8. Implement the information assurance plan.
9. Connect the gateway to tactical or commercial communication transmission network.
10. Operate the network operating system.
11. Operate authorized software.
12. Operate network diagnostic equipment.
13. Operate network management system.
14. Monitor Information Assurance security posture.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Sgt

REFERENCE(S):

1. CISCO PRESS BOOKS, Cisco books (<http://www.ciscopress.com>)
2. MCO 5239.2, Marine Corps Information Assurance Program (MCIAP)
3. MICROSOFT PRESS BOOKS, For Information Technology (IT) Professionals (<http://www.microsoft.com/mspress/it/>)
4. MICROSOFT TECHNET ONLINE, Technet online (<http://www.microsoft.com/technet/>)
5. MITNOC, Marine Corps Information Technology & Network Operating Center (<http://www.noc.usmc.mil>)

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6. NAVY INFORMATION ASSURANCE, Navy Information Assurance
(<http://www.infosec.navy.mil/documents/>)

Appendix P to
ENCLOSURE (6)

DUTY AREA 03 - SUPERVISE

DUTY AREA 04 - MAINTENANCE

TASK: 0658.04.01 (CORE) MAINTAIN TDN GATEWAY

CONDITION(S): Provided data communications planning documents and references.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Maintain AN/TSQ-222 gateway ancillary equipment.
2. Maintain network operating system.
3. Maintain authorized software.
4. Maintain network hardware.
5. Maintain network services
6. Maintain information assurance configurations.
7. Optimize system performance.
8. Optimize network performance.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Sgt

REFERENCE(S):

1. CISCO PRESS BOOKS, Cisco books (<http://www.ciscopress.com>)
2. MCO 5239.2, Marine Corps Information Assurance Program (MCIAP)
3. MICROSOFT PRESS BOOKS, For Information Technology (IT) Professionals (<http://www.microsoft.com/mspress/it/>)
4. MICROSOFT TECHNET ONLINE, Technet online (<http://www.microsoft.com/technet/>)
5. MITNOC, Marine Corps Information Technology & Network Operating Center (<http://www.noc.usmc.mil>)
6. NAVY INFORMATION ASSURANCE, Navy Information Assurance (<http://www.infosec.navy.mil/documents/>)

DUTY AREA 05 - TRAINING